# MONEX-D

P1427.0304

**WBM Drilling**

## Product Description

MONEX D is a highly anionic copolymer dry powder formulated to extend the yield of bentonite slurries.

## Product Function

MONEX D is used to improve rheological properties of the bentonite slurries. Higher viscosity with less bentonite concentrations is the primary benefit of this product.

## Features and Benefits

MONEX D bentonite extender is effective in all types of weighted or unweighted fresh water muds. It selectively flocculates low yield solids and can be used for interim viscosity increases. MONEX D improves primary solids removal as it encapsulates drill solids (piggyback) to larger sizes. MONEX D is for fresh water systems but still functions well in water with chloride levels up to 10,000 ppm.

## Recommended Treatment

MONEX D dosage range is 1 – 2 lbs per 100 barrels (0.285 – 0.572 kg/10 $m^3$). Determine the optimum amount by pilot testing the bentonite that is on – site. Approximately add 2 pounds of MONEX D for every 5–8 sacks of bentonite addition. For best performance, maintain the calcium level of the make–up water between 80 – 120 ppm by treating it with soda ash. After the calcium has been reduced, the pH can be increased up to 10.5 with caustic soda. When further suspension is needed for logging activities, add 2–3 lbs of MONEX D into every 100 barrels of active mud.

## International Shipping References

Transportation of MONEX D is not restricted by any regulatory agency.

## Standard Packing

MONEX D is packaged in 25 kgs multiwall paper sack.

## Safe Handling Recommendations

Utilize normal precautions for employee protection when handling chemical products. Utilize appropriate respirator, gloves, goggles and apron. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use. No adverse health hazards are expected as a result of exposure to MONEX D.

## Typical Physical Properties

- Physical State: Solid
- Reservoir Compatible: Non-Reservoir
- Sub Category: Bentonite Extender
- SG value: 1.1
- pH (0.5% solution): 7
- Max Temperature: 300
- Category: Viscosifiers
- Product Tier: Premium
- Appearance: Off-white free flowing powder
- Bulk Density Kg/$m^3$: 650 - 850

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